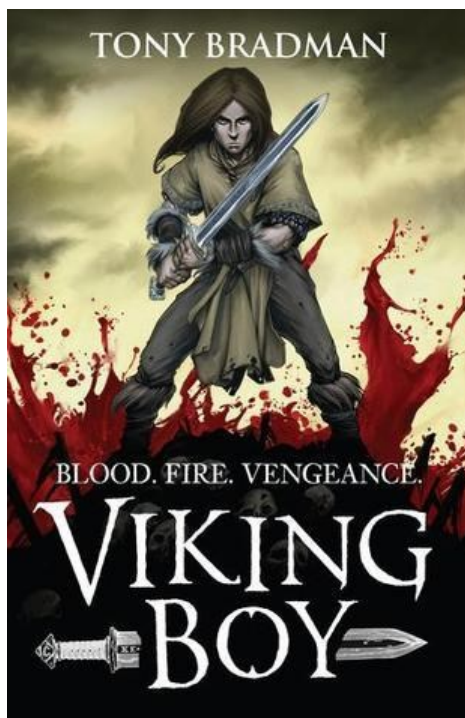




# Year 4 Curriculum Booklet

Spring term 2.2



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Anglo-Saxon Art Sculpture	NA	Cultural patterns Print Making	NA	Observations Drawings Self-Portraits	NA
Design Technology	NA	Mechanical systems: Pneumatics	NA	Electronics: electrical systems, simple circuits and switches	NA	Food: Healthy and varied diet
Computing	The Internet	Audio Production	Repetition in Shapes	Data Logging	Photo Editing	Repetition in Games
English Reading	Anglo Saxon Boy	Freedom for Bron	How to train your Dragon	Viking Boy	Charlie and the Chocolate Factory	Street Child
English Writing	Narrative Non-chronological report	Narrative Newspaper report Poetry	Narrative Diary Poetry	Character description Setting description Letter	Narrative Letter	Narrative Non-chronological report Poetry
Geography	Counties and Coasts	NA	Mountains	NA	Renewable and Non renewable energy sources	NA
History	NA	How did Britain change with the settlement of the Anglo-Saxons?	NA	Were the Vikings always victorious and vicious?	NA	What impact did the industrial revolution have in Birmingham?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place value Addition and subtraction	Length and Perimeter Multiplication and Division	Multiplication and Division Area	Fractions Decimals	Decimals Money Time	Statistics Properties of shape Position and direction
Music	Let your spirit Fly (RnB)	Mamma Mia (Pop)	Stop! (Grime)	Lean on me (soul/Gospel)	Recorder course (instrumental technique)	Recorder course (instrumental technique)
Physical Education	Fitness	Ball Skills Gymnastics	Dodgeball Handball	Outdoor Adventurous Activities Yoga	Athletics Handball	Athletics Tennis
Personal, Social, Health, Economic Education	What strengths, skills and interests do we have?	How do we treat each other with respect?	How can we manage our feelings?	How will we grow and change?	How can our choices make a difference to others and the environment?	How can we manage risk in different places?
Religious Education	Expressing joy Being thankful	Being reflective and self critical Being curious and valuing knowledge	Being modest and listening to others Cultivating inclusion, identity and belonging	Being merciful and forgiving Being regardful of suffering	Living by rules Being temperate and exercising self discipline and serene contentment	Being imaginative and explorative Appreciating beauty
Science	How can materials be separated?	How do humans digest their food?	How can series circuits be useful to us?	How can living things be classified?	What makes sounds change?	What makes sounds change?
Mandarin	Numbers 1-100 Introduce family members Chinese characters Pinyin and four tones	Months and dates Key words for Mid-Autumn festival Christmas celebration in China Christmas song	Chinese new year traditions and customs Key words and sentences for new year Pets and animals	Parts of the body Measure words Chinese food and western food Chinese food culture Food and drink items	Countries Nationalities Language Colours	Revision Cultural Project

# Design Technology

What will we be learning about this half term

Exploring Micro-bits

Applying understanding of computing to control a product.

Using a number of components in a series circuit such as switches, buzzers and bulbs.

Keywords

Algorithm

Programme

Connector

Activate

Sensors

Circuit

What you could do at home

Asking your children what they have learnt in their design technology lessons.

Researching how computers control products

Discussing what items at home are controlled by computers

Useful Websites



# Computing

What will we be learning  
about this half term

Data logging

Modifying a count controlled  
loop to produce a given out-  
come

Decomposing a task into small  
steps

Using a digital device to collect  
data

Keywords

Loop

Count controlled

Data logging

Data logger

Interval

Capture

What you could do at home

Ask your children what they  
have learnt in their compu-  
ting lesson.

Research what data logging is  
and how why it is useful.

Useful Websites



# Reading

## What will we be learning about this half term

Text : The Viking Boy

This half term, the children will be focusing on making suitable predictions and start to justify predictions with evidence from the text .

Children will also identify how meaning is improved through the authors choice of words.

## Keywords

Prove

evidence

Show

point

Explanation

clues

## What you could do at home

Read with your child for ten minutes every day.

Ask your child to summarise what has happened in the class text so far.

Discuss the meaning of new words.

Ask your child to make predictions

## Useful Websites



# Writing

What will we be learning  
about this half term

Character description

Instructions

Informal letter

Setting description

Biography

Persuasive letter

Keywords

Similes

Metaphors

Present perfect tense

Complex sentences

Subordinating conjunctions

Sentence openers

What you could do at home

Practise writing sentences at  
home using the skills we  
have been focussing on dur-  
ing the week.

Useful Websites



# History

What will we be learning  
about this half term

Understanding how the past  
can be represented in differ-  
ent ways.

Knowing when the Viking era  
began.

Describing the Viking lifestyle.  
Presenting findings

Keywords

Invasion

Trade

Conquest

Settlements

Rebellion

Navigation

Voyage

What you could do at home

At home you can begin to  
look at our enquiry question:  
Were the Vikings always vic-  
torious and vicious?

Researching the Vikings and  
how why they came to the  
UK?

Useful Websites





# Mathematics

What will we be learning  
about this half term

## Fractions

Finding equivalent fractions,  
counting up and down in hun-  
dredths, adding and sub-  
tracting fractions.

## Decimals

Decimal equivalents, dividing  
by 100 and 1000.

## Keywords

Fractions

Decimals

Tenths

Hundredths

Numerator

Denominator

What you could do at home

At home you begin to look at  
fractions and decimals.

TT Rockstars and times table  
games in preparation for our  
times tables test.

## Useful Websites



# Music

What will we be learning  
about this half term

Soul and Gospel music

Identifying the pulse in music

Structure of a song

Playing instruments

Composing a simple melody

Keywords

Gospel and soul

Improvise

Melody

Pulse

Structure

Rhythms

What you could do at home

At home children could explore Soul and Gospel music

Identify structures of songs they like

Useful Websites



# Physical Education

What will we be learning  
about this half term

## Handball

Begin throwing and catching  
while on the move

Moving towards goal away  
from a defender

Accuracy when shooting

Defending skills

## Keywords

Throw

Catch

Shooting

Accuracy

Direction

Speed

Attack

Defend

What you could do at home

In the garden or in the park  
you could practise your hand-  
ball skills

Discuss what attacking and de-  
fending means and how it ap-  
plies to different games

.

## Useful Websites



# PSHE

## What will we be learning about this half term

We are going to be learning about the importance of basic first aid and how we are able to help others in an accident. During this half term, we will be carrying out basic first aid including burns, scalds, bleeds, and cuts; and explaining the importance of staying calm when it is appropriate to seek adult help.

## Keywords

First aid,  
coping  
head injury,  
calm  
emergency

## What you could do at home

Discussions at home:

What should you do if an accident happens at home?

Can you locate the first aid items in your house?

What would you do if there was an emergency?

How would you stay calm in these situations?

## Useful Websites



# Religious Education

## What will we be learning about this half term

This half term, the children will learn about suffering and identify situations when they have been hurt or in pain. They will be discussing how different religious traditions make things better and how to respond and help others.

## Keywords

Pain,  
suffering  
Response  
support  
Kindness  
sad

## What you could do at home

Ask your child to discuss their RE learning and what they could do to support someone who is suffering or is hurting. Discuss whether it is possible to help everyone who is in pain or sad.

## Useful Websites



# Science

What will we be learning  
about this half term

Living things and their habitats

Grouping living things

Using classifications to group a  
variety of living things

Recognising that environments  
can change and sometimes be  
dangerous

Keywords

Vertebrates

Invertebrates

Environment

Habitats

Insects

Amphibians

Fish

What you could do at home

Discuss what your child has  
learnt in their science lesson  
that week.

Safely explore living things  
that can be found at home  
and in the park.

Useful Websites

